Sang He Lee

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product.

harvesting the mammary secretion product from the farm-animal.

22. (New) The method of claim 1, wherein the hyperimmunizing step comprises administering the antigen to an airway of the farm-animal.

- 23. (New) The method of claim 2, wherein the hyperimmunizing step comprises administering the antigen intranasally to the farm-animal.
- 24. (New) The method of claim 1, wherein the mammary secretion product is milk.
- 25. (New) The method of claim 1, wherein the antibody is an IgA antibody.
- 26. (New) The method of claim 1, further comprising boosting an immune response to the antigen in the farm-animal.
- 27. (New) The method of claim 26, wherein the boosting step comprises administering the antigen to an airway, a mammary gland, and/or a supramammary lymph node of the farm-animal.

28. (New) A method of making an antibody composition comprising an antibody specific for an antigen, the method comprising:

hyperimmunixing a farm-animal for the antigen;

administering the antigen to a mammary gland and/or a supramammary lymph node of the farm-animal;

harvesting the mammary secretion product from the farm-animal; and deriving the antibody composition from the harvested mammary secretion

29. (New) A method of making an antigen-specific antibody, the method comprising:

hyperimmunizing a farm-animal for an antigen;

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